

C1
cont. ID NO:38; SEQ ID NO:40; SEQ ID NO:42; SEQ ID NO:44; SEQ ID NO:46; SEQ ID NO:48; and SEQ ID NO:50.

C2 11 (once amended). A DNA segment comprising an isolated nucleic acid, said nucleic acid encoding a modified amino acid sequence of SEQ ID NO:2, wherein said modification is that amino acid 2 through amino acid 34, and amino acid 76 through amino acid 112 have been deleted.

12 (once amended). A DNA segment comprising an isolated nucleic acid, said nucleic acid encoding a modified amino acid sequence of SEQ ID NO:2, wherein said modification is that amino acid 2 through amino acid 55, and amino acid 76 through amino acid 112 have been deleted.

C3 21 (twice amended). A DNA segment comprising an isolated nucleic acid, which nucleic acid encodes a modified retinoblastoma tumor suppressor protein comprising a contiguous amino acid sequence selected from the group consisting of SEQ ID NO:29; SEQ ID NO:31; SEQ ID NO:33; SEQ ID NO:35; SEQ ID NO:37; SEQ ID NO:39; SEQ ID NO:41; SEQ ID NO:43; SEQ ID NO:45; SEQ ID NO:47; SEQ ID NO:49; and SEQ ID NO:51.

22 (twice amended). A DNA segment comprising an isolated nucleic acid, wherein said nucleic acid comprises the contiguous nucleic acid sequence from between position 7 and position 2691 of SEQ ID NO:28; from between position 7 and position 2628 of SEQ ID NO:30; from between position 7 and position 2559 of SEQ ID NO:32; from between position 7 and position 2502 of SEQ ID NO:34; from between position 7 and position 2349 of SEQ ID NO:36; from between position 7 and position 2559 of SEQ ID NO:38; from between position 7 and position 2697 of SEQ ID NO:40; from between position 7 and position 2583 of SEQ ID NO:42; from between position 7 and position 2397 of SEQ ID NO:44; from between position 7 and position 2613 of SEQ ID NO:46; from between position 7 and position 2619 of SEQ ID NO:48; or from between position 7 and position 2790 of SEQ ID NO:50.

23 (twice amended). The DNA segment of claim 1, 21, or 22, operationally linked under the control of a promoter.

24 (once amended). A recombinant vector comprising the DNA segment of claim 23.

C3
cont.

25 (once amended). The vector of claim 24 which is an adenoviral vector.

26 (once amended). A recombinant adenovirus comprising the DNA segment of claim 23.

27 (twice amended). The DNA segment of claim 1, 21, or 22, recombinantly transformed into a host cell.

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36 (once amended). A recombinant host cell comprising a DNA segment of any one of claims 1, 11, 12, 21, or 22.

☞ Add new claims 52-64 as follows: ☞

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1.126

~~49~~ 52 (new). The DNA segment of claim 1, wherein the nucleic acid segment comprises the nucleotide sequence of SEQ ID NO: 28.

~~50~~ 53 (new). The DNA segment of claim 1, wherein the nucleic acid segment comprises the nucleotide sequence of SEQ ID NO: 30.

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~~51~~ 54 (new). The DNA segment of claim 1, wherein the nucleic acid segment comprises the nucleotide sequence of SEQ ID NO: 32.

~~52~~ 55 (new). The DNA segment of claim 1, wherein the nucleic acid segment comprises the nucleotide sequence of SEQ ID NO: 34.

~~53~~ 56 (new). The DNA segment of claim 1, wherein the nucleic acid segment comprises the nucleotide sequence of SEQ ID NO: 36.

~~54~~ 57 (new). The DNA segment of claim 1, wherein the nucleic acid segment comprises the nucleotide sequence of SEQ ID NO: 38.

~~55~~ 58 (new). The DNA segment of claim 1, wherein the nucleic acid segment comprises the nucleotide sequence of SEQ ID NO: 40.

~~56~~ 59 (new). The DNA segment of claim 1, wherein the nucleic acid segment comprises the nucleotide sequence of SEQ ID NO: 42.

~~57~~ 60 (new). The DNA segment of claim 1, wherein the nucleic acid segment comprises the nucleotide sequence of SEQ ID NO: 44.

~~58~~ 61 (new). The DNA segment of claim 1, wherein the nucleic acid segment comprises the nucleotide sequence of SEQ ID NO: 46.

~~59~~ 62 (new). The DNA segment of claim 1, wherein the nucleic acid segment comprises the nucleotide sequence of SEQ ID NO: 48.